

MDFS Fileserver - New features of Version 1.10

Note

Features marked ‡ were first introduced in version 1.06. Features not so marked are new to version 1.10.

The FS program

Utility Mode

- ‡ Support for larger tapes used with the new tape drive
- ‡ Preformat of tape for timed autobackup
- ‡ Changes to text prompts relating to hard disc drives
- ‡ Formatting drives installs a PRINTQ with account 3F with credit 500k
- ‡ Disc Verify can have screen output directed to printer
- ‡ Max no. of Disc errors (before Tape backup aborts) raised from 32 to 200
- ‡ XON/XOFF bug fixed (used to never engage XON/XOFF)

On-Line

- ‡ Support for Broadcast Loader
 - ‡ Run-only users removed thus improving speed performance
 - ‡ Maximum Net clock speed supported increased from 5us to 3us period
 - ‡ Dates beyond 1996 supported
 - ‡ Support for longer filenames (i.e. greater total length of full path names)
 - ‡ %TAPE1, %TAPE2, %TAPE3, %TAPE4 implemented to access more tape partitions
- Attempts to set W and R attributes on directories are now masked out. This means that you will not get 'Bad attribute' errors when copying from ADFS discs.
- Load and execute addresses for directories are now returned as 0. This stops directories being displayed with strange dates.

\$.ArthurLib

BACKUP

- ‡ Changed to support dates past 1996 and also large tapes.
- 'None set' text changed to 'Not set'.

CLI

New utility to help with RISC OS 3.10.

CV

- ‡ "Not logged on" when reading user id now handled correctly.

DESCRIBE

Changed to read the disc name of drive 0 as RISC OS 3.10 no longer supports wild cards in disc names.

FAST

- ‡ Sets protection mask correctly.

FREE

New utility displaying all discs. Use */FREE to avoid the RISC OS 2.00 internal version which only asks about 4 discs.

LOGON

‡ More "hack attack" protection.

Now does low level Econet transmit and receive to get the encryption key from the file server since RISC OS 3.10 does not allow high level file server operations unless you are logged on.

NEWPASS

‡ Forces upper case of both typed copies of the new password.

PROT

‡ *PROT C Option added to set in CMOS RAM.

STATEMENT

‡ Pretty printing added.

STATIONS

‡ *Stations * (i.e. Optional parameter added to display all stations on all nets).
Reference to Archimedes '300 series' removed.

SYSADM

‡ Ability to select different discs added. Single key stroke selection.

Now reads and uses disc names rather than using wild carded disc names as these no longer work under RISC OS 3.10.

TAPEINFO

‡ Dates beyond 1996, also support for larger tapes.

TIME

‡ Support for dates past 1996.

UNPROT

‡ *UNPROT C Option added to set in CMOS RAM.

USERS

‡ Pretty printing added.

\$.Library

BACKUP

‡ Changed to support dates past 1996 and also large tape.

Bug fix to do with displaying the list of discs to be backed up. 'None set' text changed to 'Not set'.

CHECK

This has been removed as the Install program's 'Check only' option is better.

CLI

BBC equivalent of the RISC OS version. This is not actually needed by BBC and Masters but is provided for compatibility between the libraries. It should NOT be removed otherwise

DISCS

‡ Decimal printing of up to 12 logical discs.

FREE

‡ Decimal printing of up to 12 logical discs.

NEWPASS

‡ Forces upper case of both typed copies of the new password.

SIZER

It is now possible to alter the program so that it gives size information for top level directories only rather than all the files and sub-directories as well.

STATIONS

Reference to Archimedes '300 series' removed.

SYSADM

‡ Ability to select different discs added (highlight the disc name and press space to change to another disc). Single key stroke selection.

TAPEINFO

‡ Dates beyond 1996 also support for larger tapes.

TIME

‡ Support for dates past 1996.

\$.SYSPROGS

!Emulate

Added to provide an easier method of starting the 65Tube emulator for running *CONVERT, *MERGE and *GENERATE. Under RISC OS 3 the emulator will start in a task window rather than a command window.

Arcacclist

Changed to access the password file using ~PASSWORDS as RISC OS 3.10 has a more restricting implementation of %.arclstusers

Process errors in user edited versions correctly. Changed to access the password file using ~PASSWORDS as RISC OS 3.10 has a more restricting implementation of %.

Arclstusers

‡ Process errors in user edited versions correctly.

ArcPass

‡ Improved error handling. Does not *LOAD password file to avoid possible hack attack. Option to display the next free personal account added.

Changed to access the password file using ~PASSWORDS as RISC OS 3.10 has a more restricting implementation of %.

Editpass

‡ Does not *LOAD password file to avoid possible hack attack. Option to display the next free personal account added.

Listusers

‡ Processes errors in user edited versions correctly.

Setbackup

‡ Support for dates beyond 1996 and also larger tapes. Allows use of unformatted tapes. Suggests 4.15am as the time for the backup.

Altered to avoid using the BBCEconet module for file server calls if used on a RISC OS computer.

Settime

‡ Support for dates beyond 1996.

Altered to avoid using the BBCEconet module for file server calls if used on a RISC OS computer.

SetSystem

Altered to avoid using the BBCEconet module for file server calls if used on a RISC OS computer.

Convert, Merge and Generate

Have been altered to work with RISC OS 3.10. On RISC OS computers *Generate no longer changes screen mode unnecessarily and when compiling a new password file prints the number of users it contains in decimal rather than hexadecimal.

CHECK2

This has been removed as the Install program's 'Check only' option is better.

\$.Sysprogs.Utils

Audit

‡ Bug fix of undefined array. NB This utility will not work on Acorn RISC OS computers.